

SEQUENCE LISTING

<110> University of Bristol

<120> Methods of Inducing Cell Death

<130> P100147PCT

<140> PCT/GB00/02693

<141> 2000-07-13

<160> 8

<170> PatentIn Ver. 2.1

<210> 1

<211> 365

<212> PRT

<213> Human papillomavirus

<400> 1

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Thr His Tyr Glu Asn Asp Ser Thr Asp Leu Arg Asp His Ile Asp Tyr
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Trp Lys His Met Arg Leu Glu Cys Ala Ile Tyr Tyr Lys Ala Arg Glu
35 40 45

Met Gly Phe Lys His Ile Asn His Gln Val Val Pro Thr Leu Ala Val
50 55 60

Ser Lys Asn Lys Ala Leu Gln Ala Ile Glu Leu Gln Leu Thr Leu Glu
65 70 75 80

Thr Ile Tyr Asn Ser Gln Tyr Ser Asn Glu Lys Trp Thr Leu Gln Asp
85 90 95

Val Ser Leu Glu Val Tyr Leu Thr Ala Pro Thr Gly Cys Ile Lys Lys
100 105 110

His Gly Tyr Thr Val Glu Val Gln Phe Asp Gly Asp Ile Cys Asn Thr
115 120 125

Met His Tyr Thr Asn Trp Thr His Ile Tyr Ile Cys Glu Glu Ala Ser
130 135 140

Val Thr Val Val Glu Gly Gln Val Asp Tyr Tyr Gly Leu Tyr Tyr Val
145 150 155 160

His Glu Gly Ile Arg Thr Tyr Phe Val Gln Phe Lys Asp Asp Ala Glu
165 170 175

Lys Tyr Ser Lys Asn Lys Val Trp Glu Val His Ala Gly Gly Gln Val
180 185 190

Ile Leu Cys Pro Thr Ser Val Phe Ser Ser Asn Glu Val Ser Ser Pro
195 200 205

Glu Ile Ile Arg Gln His Leu Ala Asn His Pro Ala Ala Thr His Thr
210 215 220

Lys Ala Val Ala Leu Gly Thr Glu Glu Thr Gln Thr Thr Ile Gln Arg
225 230 235 240

Pro Arg Ser Glu Pro Asp Thr Gly Asn Pro Cys His Thr Thr Lys Leu
245 250 255

Leu His Arg Asp Ser Val Asp Ser Ala Pro Ile Leu Thr Ala Phe Asn
260 265 270

Ser Ser His Lys Gly Arg Ile Asn Cys Asn Ser Asn Thr Thr Pro Ile
275 280 285

Val His Leu Lys Gly Asp Ala Asn Thr Leu Lys Cys Leu Arg Tyr Arg
290 295 300

Phe Lys Lys His Cys Thr Leu Tyr Thr Ala Val Ser Ser Thr Trp His
305 310 315 320

Trp Thr Gly His Asn Val Lys His Lys Ser Ala Ile Val Thr Leu Thr
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Tyr Asp Ser Glu Trp Gln Arg Asp Gln Phe Leu Ser Gln Val Lys Ile
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Pro Lys Thr Ile Thr Val Ser Thr Gly Phe Met Ser Ile
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<210> 2

<211> 1098

<212> DNA

<213> Human papillomavirus

<400> 2

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<210> 3

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<212> PRT

<213> Human papillomavirus

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Met Glu Thr Leu Cys Gln Arg Leu Asn Val Cys Gln Asp Lys Ile Leu
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Thr His Tyr Glu Asn Asp Ser Thr Asp Leu Arg Asp His Ile Asp Tyr
      20             25             30

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Trp Lys His Met Arg Leu Glu Cys Ala Ile Tyr Tyr Lys Ala Arg Glu
    35             40             45

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Met Gly Phe Lys His Ile Asn His Gln Val Val Pro Thr Leu Ala Val
    50             55             60

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Ser Lys Asn Lys Ala Leu Gln Ala Ile Glu Leu Gln Leu Thr Leu Glu
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Thr Ile Tyr Asn Ser Gln Tyr Ser Asn Glu Lys Trp Thr Leu Gln Asp
      85             90             95

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Val Ser Leu Glu Val Tyr Leu Thr Ala Pro Thr Gly Cys Ile Lys Lys

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204470 06524007

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His Gly Tyr Thr Val Glu Val Gln Phe Asp Gly Asp Ile Cys Asn Thr		
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Val Thr Val Val Glu Gly Gln Val Asp Tyr Tyr Gly Leu Tyr Tyr Val		
145	150	155 160
His Glu Gly Ile Arg Thr Tyr Phe Val Gln Phe Lys Asp Asp Ala Glu		
165	170	175
Lys Tyr Ser Lys Asn Lys Val Trp Glu Val His Ala Gly Gly Gln Val		
180	185	190
Ile Leu Cys Pro Thr Ser Val Phe Ser Ser Asn Glu Val Ser Ser Pro		
195	200	205
Glu Ile Ile Arg Gln His Leu Ala Asn His Pro Ala Ala Thr His Thr		
210	215	220
Lys Ala Val Ala Leu Gly Thr Glu Glu Thr Gln Thr Thr Ile Gln Arg		
225	230	235 240
Pro Arg Ser Glu Pro Asp Thr Gly Asn Pro Cys His Thr Thr Lys Leu		
245	250	255
Leu His Arg Asp Ser Val Asp Ser Ala Pro Ile Leu Thr Ala Phe Asn		
260	265	270
Ser Ser His Lys Gly Arg Ile Asn Cys Asn Ser Asn Thr Thr Pro Ile		
275	280	285
Val His Leu Lys Gly Asp Ala Ala Thr Leu Ala Cys Leu Arg Tyr Ala		
290	295	300
Phe Lys Lys His Cys Thr Leu Tyr Thr Ala Val Ser Ser Thr Trp His		
305	310	315 320
Trp Thr Gly His Asn Val Lys His Lys Ser Ala Ile Val Thr Leu Thr		
325	330	335
Tyr Asp Ser Glu Trp Gln Arg Asp Gln Phe Leu Ser Gln Val Lys Ile		
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Pro Lys Thr Ile Thr Val Ser Thr Gly Phe Met Ser Ile		

<210> 4

<211> 1098

<212> DNA

<213> Human papillomavirus

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<210> 5

<211> 87

<212> PRT

<213> Human papillomavirus

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Met Asn Cys Asn Ser Asn Thr Thr Pro Ile Val His Leu Lys Gly Asp

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5

10

15

Ala Asn Thr Leu Lys Cys Leu Arg Tyr Arg Phe Lys Lys His Cys Thr

20

25

30

Leu Tyr Thr Ala Val Ser Ser Thr Trp His Trp Thr Gly His Asn Val

35

40

45

Lys His Lys Ser Ala Ile Val Thr Leu Thr Tyr Asp Ser Glu Trp Gln

50

55

60

Arg Asp Gln Phe Leu Ser Gln Val Lys Ile Pro Lys Thr Ile Thr Val
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Ser Thr Gly Phe Met Ser Ile
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<210> 6
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<212> DNA
<213> Human papillomavirus

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<211> 87
<212> PRT
<213> Human papillomavirus

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20 25 30

Leu Tyr Thr Ala Val Ser Ser Thr Trp His Trp Thr Gly His Asn Val
35 40 45

Lys His Lys Ser Ala Ile Val Thr Leu Thr Tyr Asp Ser Glu Trp Gln
50 55 60

Arg Asp Gln Phe Leu Ser Gln Val Lys Ile Pro Lys Thr Ile Thr Val
65 70 75 80

Ser Thr Gly Phe Met Ser Ile
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<210> 8

<211> 264

<212> DNA

<213> Human papillomavirus

<400> 8

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